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TO THE WORD MODIFIED IN THE RUSSIAN PHRASE, BY
V. Z. SAMNIKOV, 16 PP.

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PP 124-130.

JPRS 19108

SCI-MISC
MAY 63

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Sano, I., Fujitani, Yoshiyasu, and Sakata, Sadahiro.
A COLLOID STUDY OF TOBACCO SMOKE:
PARTICLE SIZE DISTRIBUTION AND ELECTRIC
CHARGE. [1963] 10p. (Sig. omitted) 7 refs.
Order from SLA \$1.10 63-16447

Trans. of [Nihon Kagaku Zasshi] (Japan) 1953, v. 74,
p. 664-668.
Other translations are available from SLA as 58-838
and 58-849 and \$1.10 as 63-16393 [1963] 7p.

DESCRIPTORS: Particles, *Particle size, *Smokes,
*Tobacco, Colloids.

(Chemistry--Physical, TT, v. 10, no. 9)

63-16447

- I. Sano, I.
- II. Fujitani, Y.
- III. Sakata, S.
- IV. Title: Particle

1045945

Office of Technical Services

Sano, I., Fujitani, Y. and Sakata, S.
ÉTUDE SUR LA FUMÉE DU TABAC DU POINT DE
VUE COLLOÏDAL, DISTRIBUTION DE LA GROSSEUR
DES GRAINS ET ÉTAT ÉLECTRIQUE (Colloid Chem-
istry of Tobacco Smokes. Distribution of Size and
Charge of the Particles). 16p. (foreign text included)
3refs. CNRS-VIII bis 395.
Order from OTS, ETC or CNRS \$1.60 TT-62-28182

Trans. in French of Nihon Kagaku Zasshi (Japan)
1953, v.74, no.7, p.664-668.

Other translations are available in English from
SLA \$1.10 ea. as TT-63-16393, 7p and TT-63-16447,
10p; also as 58-838 and 58-849.

DESCRIPTORS: *Tobacco, *Smokes, Colloids, Aero-
sols, Particles, Distribution, Electricity.

(Chemistry--Physical, TT, v. 11, no. 9)

TT-62-28182

I. Sano, I.
II. Fujitani, Y.
III. Sakata, S.
IV. CNRS-VIII bis 395
V. Centre National de la Recher-
che Scientifique, Paris

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European Translations Centre

Classifying Fibrosis of the Skull: Report
of three Cases and Review of the
Literature, by Keiji Sano, et al.,
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No 7, 1961, pp 539-547.
DIN 6-13-65

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Keiji Sano

Sci/Sec

Jul 65

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TT-64-10791

Sano, Koichi.
THE DISSOCIATION PRESSURE OF HYDRATES. VI.
THE DISSOCIATION-VAPOR PRESSURE OF
 $MgCl_2 \cdot 4H_2O$ AND $MgCl_2 \cdot 2H_2O$. [1964] 9p (figs omitted)
8 refs

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no. 10, p. 1145-1149.

I. Sano, K.
II. Title: Dissociation ...

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(Chemistry, TT, v. 12, no. 2)

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Dissociation Equilibria of Chromium
Nitrides, by Kokichi Sano, 8 pp.

JAPANESE, per, Journal of the Chemical
Society of Japan, Vol LVIII, No 10,
1955(?), pp 981-984. 9069381

AEC TR-5388

Sci - Chem
Dec 62

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Dissociation Equilibria of Chromium
Nitrides, by Kokichi Sano, 8 pp.

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Society of Japan, Vol LVIII, No 10,
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Sano, Shun-ichi.

**RADIOACTIVITY LOGGING OF SEDIMENTARY
ROCKS IN THE JOBAN DISTRICT:**

Reiko Fusejima, tr. Oct 63, 8p 1ref

Order from AGI \$5.00 in International Geology Review,
v. 5, no. 10, p. 1268-1275

Trans. of [Chishitsu Chosajo Geppo] (Japan) 1960,
v. 11, no. 12, p. 30-36. (Abstract available)

DESCRIPTORS: *Geophysical prospecting, *Well
logging, Radioactivity, Sedimentary rock, Geology,
*Radiation measurement systems,

To survey the distribution of radioactivity intensity,
making use of existing deep drill holes in the regions
of sedimentary rocks, a large size logger was manu-
factured, and the method of measurement and analysis
of the obtained values was studied. Experimental
logging was carried out in the Joban district, but no
anomaly of radioactivity intensity was recognized.
(Author)

TT-63-17713-10
(p. 1268-1275)

I. Sano, Shun-ichi
II. International Geological
Inst., Washington, D. C.

1368035

(Earth Sciences--Geology,
TT, v. 11, no. 4)

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Sano, Shun-ichi.

A STUDY OF AIRBORNE RADIOACTIVE SURVEY-
ING.

Reiko Fusejima, tr. Oct 63, 21p 19refs
Order from AGI \$5.00 in International Geology Review,
v. 5, no. 10, p. 1243-1263.

Trans. of [Chishitsu Chosajo Geppo] (Japan) 1960,
v. 11, no. 11, p. 1-20. (Abstract available)

DESCRIPTORS: Airborne, *Surveying, Radiological
contamination, Atmosphere, Gamma rays, Intensity,
*Radioactivity, Earth, Aerial reconnaissance,

Airborne radioactivity surveys by the Geological Survey
of Japan have already (1960) covered an area of about
90,000 sq. km. On the basis of a semi-empirical
theory on attenuation of gamma rays, with reference to
the effect of scattering, the intensity distribution of
gamma rays in the atmosphere was calculated by as-
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I. Sano, Shun-ichi
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058036

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Treatment of Polyester Series Filament Material,
by A. Hiseoi, T. Sano.
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On the Oxidation Mechanism of Zr-Te Alloys ⁵⁷
by T. Sano.

JAPANESE, per, J. Japan Inst. Metals, 24
1960, pp. 604-607.

*NBS TT 70-53020

Sci/mater
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TP 921

SANO T., IMOTO S., KANG M.

On the oxidation mechanism of Zn-Te alloys (Studies on the oxidation of zirconium)

Sur le mécanisme de l'oxydation d'alliages du Zn-Te (Etudes sur l'oxydation du zirconium)

Journ. of the Japan. Inst. of Metals, 24, No. 9, 604-607 (1960)

Commissariat à l'Energie Atomique, Saclay - French

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Effect of tellurium on the oxidation resistance of zirconium alloys

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Studies on Antarctic Whale Oils by Gas-
Liquid Chromatograph Using a Hydrogen
Flame Ionization Detector. L. Analysis of
Fatty Acids from Sei-Whale Blubber Oil, by
Y. Sano, K. Murase.

JAPANESE, per J. Japan Oil Chem. Soc.

Vol. 14, No. 3, 1965, pp 104-112

NRC Ref: C-5738

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Studies on Antarctic Whale Oils by Gas-
Liquid Chromatography Using a Hydrogen
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Composition of Fin Whale, Blue Whale and
Sei Whale Oils, by Y. Sano, D. Aikawa.
JAPANESE, by J. Japan Oil Chem. Soc. Vol. 14,
No. 4, 1965, pp 171-178
NRC Ref: C-5737.

Sci -
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Thermal Ionization and Electrical Conductivity
of Gas Mixtures, by, Yu. V. Sanozhkin,
4 pp.

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Vol VI, No 2

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Certain Questions in the Magnetohydrodynamics of
Quasi-One-Dimensional Plasma Flow. II

By V. S. Erofeyev and Yu. V. Sanochkin pp 5

RUSSIAN, per. Zhur Tekh Fiz, Vol XXXIII, No 1, 1962
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On the Theory of the Nonideal Bose Gas, by Yu. V.
Sanochnik, 4 pp.

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Aerodynamic Cascade Tests at High Subsonic and at
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No 9, 1954, pp 80-84.

AEC TIL/OT-2770

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Distribution of Radioactivity of Granitic
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Changes in Tissue Oxygen ~~in~~ Tension in
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4 pp.

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Changes in the oxygen tension of the brain and
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tion and Circulation in the Occurrence of
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7 pp.

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JPRS 10838

Sci - Med

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actors Interfering With Oxygenation of the Blood in
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Saratovskiy, 5 pp.
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JPRS 30383

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On the Probability of Large Deviations of Random
Variables, by I. N. Sanov.

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On the Ecology of Lynx in Repetek, by
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New Clinical Forms of the Transmission Syndrome
by V. Noel, A. Sanseigne, H. Martin, 12 pp.

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NIE Tr 9-8-60

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Nov 60

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Preliminary Chromatographic Research on
Haemoglobins of Adult Type and
Fetal Type in Normal Children and
Children Affected by Cooley's
Disease, by Sansone, Cusmano.

ITALIAN, per, Bollettino Soc Italiana
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Jul 62

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Hydraulic Drive for Steel Converters, by M.
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FRENCH, per, La Metallurgie & la Construction
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Fetal Type in Normal Children and
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Sansone, G. and Segni, G.
ACUTE HEMOLYTIC ANEMIA CAUSED BY SUL-
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FERENCES. [1960] 2p.
Order from ATS \$5.00 ATS-03N48

Trans. of Soc[ietà] Ital[iana di] Biol[ogia]
Sper[imentale]. Boll[ettino] 1958, v. 34, p. 1556.

(Biological Sciences--Pharmacology, TT, v. 5, no. 8)

61-12799

1. Anemia--Production
2. Sulfonamides--
Pathological effects
3. Aminoalicylic acid--
Pathological effects
1. Sansone, G.
- II. Segni, G.
- III. ATS-03N48
- IV. Associated Technical
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Orange, N. J.

Office of Technical Services

Sanson, Bruno and Baumgartner, Louis.
SEPARATION OF PHOSPHATES BY PAPER ELECTRO-
PHORESIS. V. HIGH VOLTAGE PAPER ELECTRO-
PHORESIS OF CONDENSED PHOSPHATES AND
METAPHOSPHATES. Preliminary rept. International
Congress for Pure and Applied Chemistry (no. 4)
Lisbon 1956. [1962] 17p. 21 refs.
Order from SLA \$1.60

63-10440

Trans. of Zeitschrift für Analytische Chemie (West
Germany) 1957, v. 158, p. 241-251.

DESCRIPTORS: *Electrophoresis, *Paper, Separation,
*Phosphates, Inorganic compounds, Salts, Ions.

This report shows that high-voltage paper electro-
phoresis, is of importance for the separation of
inorganic ions. The method appears suitable (1) for
rapid separation of inorganic ions in the control of
technical operations, (2) for investigating unstable ions
(Chemistry--Physical, TT, v. 10, no. 3) (over)

63-10440

I. Sanson, B.
II. Baumgartner, L.
III. Title: High ...
IV. International ...

63-10440

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Handbooks of High Temperature Materials, by
G. V. Samokhin.
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Plenum Press

Sci - M/M
Jul 64

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H. Krupp, G. Sanstede, et al. 31 p
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1960, pp 115-147. 0227085
AEC SC-T-64-2010

G. Sanstede

Sci/Physics
May 66

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Santacroce, A. and Pipino, F.

THEORETICAL PRESUPPOSITIONS OF TREATING
RAREFYING BONE SYMPTOMS WITH A COMBINA-
TION OF ANABOLIC STEROIDS, ADENOSINE TRI-
PHOSPHORIC ACID AND VITAMIN C (Sui Pre-
supposti Teorici della Terapia delle Sindrome Rare-
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[1962] 6p.

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62-18051

Trans. of Minerva Medica (Italy) 1961, v. 52 [no. 29]
p. 1352-1354.

DESCRIPTORS: Theory, *Therapy, Drugs, *Diseases,
*Bone, *Adenosine phosphates, *Ascorbic acid,
Steroids.

(Biological Sciences--Pharmacology, TT, v. 8, no. 8)

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JPRS 36163

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Sci - Chem
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On the Evaporation and Pore-Formation Rates
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From Alloy Single-Crystal and Polycrystalline
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Metal Membranes, by H. V. Kultashev, F. A. Santalov,
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THE INFLUENCE OF ADDITIONS OF LOW-MELTING METALS ON THE RATE OF EXPULSION OF A VOLATILE COMPONENT FROM SOLID SOLUTIONS AND ON THE STRUCTURE OF THE SPECIMENS. [1960] 20p. (3 figs. omitted) 8 refs.
Order from LC or SLA mi\$2.40, ph\$3.30 61-10665

1. Zinc--Diffusion
2. Cadmium--Diffusion
3. Alloys--Microstructure
1. Santalov, F. A.

Trans. of Fiz[ika] Metallov i Metalloved[eniye] (USSR) 1956, v. 3, no. 2, p. 247-253.

If in the presence of a third element in an alloy the expulsion rate of the volatile component is increased, then the compression of the sample is reduced and the total pore volume is increased. If the expulsion rate is reduced in the presence of the third element, the compression of the sample increases and the total porosity decreases. The parallelism between the influence of the third element on the expulsion rate and the structure of the specimen attest that the expulsion of the volatile component from solid solutions is a (Chemistry--Physical, TT, v. 5, no. 9) (over)

Office of Technical Services

Measurement of the Photodynamic Activity of Carcinogenic
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rophoresis of Serum Oxidized by Light, by L.
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Sci - Med

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Call No DTL.A24, No 210.

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NE/A - Africa
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Oct 59

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100-38011

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JPRS 11158

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WEur - Italy

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61-10786

Santarelli, L., Piscelli, F., and Covarelli, C.
MEASUREMENT OF THE HEAT OF HYDRATION
OF PORTLAND AND POZZOLAN CEMENTS; PRO-
POSED MODIFICATION OF A.S.T.M. METHOD 186
AND STATISTICAL VERIFICATION OF RESULTS
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Order from SLA mi\$2.70, ph\$4.80

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et de Travaux Publics. Edition C] (France) 1960,
no. 533, p. 31-42.

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1. Cements--Chemical reactions
- I. Santarelli, L.
- II. Piscelli, F.
- III. Covarelli, C.

Office of Technical Services

61-10785

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MEASUREMENT OF THE HEAT OF HYDRATION
OF PORTLAND AND POZZOLAN CEMENTS: DIS-
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Order from SLA mi\$1.80, ph\$1.80

61-10785

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(Materials, TT, v. 5, no. 9)

1. Cements--Chemical reactions
- I. Santarelli, L.
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Methods of Measuring Heat of Hydration, by L.
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EX

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Identification of the Alkaloids in Some Very
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Scientific - Medicine

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Problem of the Structure of α - and β -Peltatine.
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5 pp.

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17th National Conference of the Czechoslovak Chemical
Society of the Czechoslovak Academy of Sciences, by
Frantisek Santavy, Milos Melichar, 4 pp. OFFICIAL
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Paper Chromatography of Some Alkaloids of
Colchiceae Substances Extracted From Colchicum
and Their Derivatives, by V. Macak, I. Bartosova,
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Full Translation.

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ID OSUBA F-8225 A, B, C, D,

NoEur - M11
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CSIRO/No. 7505

T. SANTESSON

Sci -
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6 pp.

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pp 251-253.

CFERI 73-66-12468

V. Santholzer

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JPRS 5649

Sci - Med
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Research on the Mechanism of Action of
N-Monomethyl O, O-Dimethyl Dithiophos-
phorylacetamide, by R. Santi, P. de Pietri-Tonelli,
32 pp.

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ATS-17L371

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Research on the Mechanism of Action of
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